

*U.S. Patent and Trademark Office*

*Customer No. 22186*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Re: Attorney Docket No. 1043.002



In re application of:

Azzedine Touzni, Raúl A. Casas, Thomas J. Endres, Stephen L. Biracree,  
Christopher H. Strolle, and Samir N. Hulyalkar

Serial No.: 09/922,006  
Filed: 08/03/01  
Matter No.: ATI NW13

Group Art Unit: 2634  
Examiner: Ted Wang  
Phone No.: 571-272-3053

For: Carrier Phase Estimation Based on Single-Axis Constant Modulus Cost Criterion and  
Bussgang Criteria

**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The Notice of Allowability mailed on 09/09/05 contains an Examiner's Statement of Reasons for Allowance.

The Statement appears to refer to the subject matter of independent claims 1, 24, and 41-42. The Applicant submits that the application also has independent claims 43 and 45 to whose subject matter the Examiner appears not to refer. To that extent, the Applicant objects to the Statement.

Moreover, the Statement appears to cite only a portion of the claim language from independent claims 1, 24, and 41-42. The Applicant submits that those independent claims recite additional language. To that extent, the Applicant also objects to the Statement.

In general, to the extent that the Statement differs from the language of any of the independent claims, the Applicant rejects any narrowing or limitations that might possibly result from such differences.

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**Certification Under 37 CFR 1.8**

Date of Deposit September 23, 2005.

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail under 37 CFR 1.8 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MARY E. CANIZ.  
(Name of person mailing)

Mary E. Caniz.  
(Signature of person mailing)

For each of these reasons individually and for all these reasons collectively, the Applicant objects to the Statement.

Respectfully submitted,



Steve Mendelsohn  
Registration No. 35,951  
Attorney for Applicant  
(215) 557-6657 (phone)  
(215) 557-8477 (fax)

Date: 9/23/05

Customer No. 22186

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1500 John F. Kennedy Blvd., Suite 405  
Philadelphia, Pennsylvania 19102



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and Bussgang Criteria

**TRANSMITTAL OF NEW DRAWING(S) TO CORRECT  
INFORMALITIES WITHIN THREE-MONTH PERIOD OF  
RESPONSE SET IN NOTICE OF ALLOWABILITY (PTOL-37)**

Official Draftsman  
The Commissioner of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

In response to the Notice of Allowance and Issue Fee Due mailed on 09/09/2005, the applicant herewith submits 6 new sheets of drawings to correct the informalities in the drawings as noted in the Notice of Draftsman's Patent Drawing Review (PTO Form 948).

Respectfully submitted,

Steve Mendelsohn  
Registration No. 35,951  
Attorney for Applicant  
(215) 557-6657

Date: 9/23/05  
Customer No. 22186  
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I hereby certify that this paper and any accompanying papers or fees are being deposited with the U.S. Postal Service with sufficient postage as first class mail under 37 CFR 1.8 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mary E. Caniz  
(Name of person mailing)

  
(Signature of person mailing)